

STATE OF UTAH
DIVISION OF WATER QUALITY
DEPARTMENT OF ENVIRONMENTAL QUALITY
SALT LAKE CITY, UTAH

UNDER THE UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM (UPDES)
AUTHORIZATION TO DISCHARGE AND STORM WATER PERMIT

Minor Industrial Permit No. **UT0000639**

In compliance with provisions of the *Utah Water Quality Act, Title 19, Chapter 5, Utah Code Annotated ("UCA") 1953, as amended* (the "Act"),

CARGILL SALT

is hereby authorized to discharge from its facility located near Grantsville, Utah, with the outfall located at latitude N 40° 46.963' and longitude 112° 38.093', to receiving waters named an Unnamed ditch which transports water for consumptive use by Magnesium Corporation of America, in accordance with discharge point, effluent limitations, monitoring requirements and other conditions set forth herein.

In accordance with discharge point, effluent limitations, monitoring requirements and other conditions set forth herein.

This permit shall become effective on DATE

This permit and the authorization to discharge shall expire at midnight, December 31, 2014

Signed this DATE

Walter L. Baker, P.E.
Executive Secretary
Utah Water Quality Board

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I. DISCHARGE – LIMITATIONS AND REPORTING REQUIREMENTS

- A. Description of Discharge Point. The authorization to discharge provided under this permit is limited to those outfalls specifically designated below as discharge locations. Discharges at any location not authorized under a UPDES permit are violations of the *Act* and may be subject to penalties under the *Act*. Knowingly discharging from an unauthorized location or failing to report an unauthorized discharge may be subject to criminal penalties as provided under the *Act*.

Outfall Number
002

Location of Discharge Point
Return of bitterns for consumptive use to the Magnesium Cooperation of America or to the Great Salt Lake. Outfall 002 is located at approximately latitude N 40° 46.963' and latitude W 112° 38.093'.

- B. Narrative Standard. It shall be unlawful, and a violation of this permit, for the permittee to discharge or place any waste or other substance in such a way as will be or may become offensive such as unnatural deposits, floating debris, oil, scum, or other nuisances such as color, odor or taste, or cause conditions which produce undesirable aquatic life or which produce objectionable tastes in edible aquatic organisms; or result in concentrations or combinations of substances which produce undesirable physiological responses in desirable resident fish, or other desirable aquatic life, or undesirable human health effects, as determined by a bioassay or other tests performed in accordance with standard procedures.

- C. Specific Limitations and Self-Monitoring Requirements.

1. Discharge Water.

- a) Effective immediately and lasting the duration of this permit, the permittee is authorized to discharge from Outfall 002. Such discharges shall be limited and monitored by the permittee as specified below:

Parameter	Effluent Limitations			
	Maximum Monthly Average	Maximum Weekly Average	Daily Minimum	Daily Maximum
Oil & Grease, mg/L	NA	NA	NA	10.0
pH, Standard Units	NA	NA	6.5	9.0

NA – Not Applicable

Self-Monitoring and Reporting Requirements a/ b/ c/			
Parameter	Frequency	Sample Type	Units
Total Flow d/ e/ f/	Monthly	Measured	MGD
Oil & Grease g/	Monthly	Visual/Grab	mg/L
pH	Monthly	Grab	SU

- a/ This discharge shall contain only materials originally present in the Great Salt Lake waters or other intake waters. The permittee shall add nothing to the effluent prior to discharging.
- b/ There shall be no visible sheen or floating solids or visible foam in other than trace amounts.
- c/ There shall be no discharge of sanitary wastes.
- d/ Flow measurements shall be made in such a manner that the permittee can affirmatively demonstrate that representative values are being obtained.
- e/ If the rate of discharge is controlled, the rate and duration of discharge shall be reported.
- f/ Flow monitoring will only be required when the facility discharges to the Great Salt Lake.
- g/ A sample for oil & grease shall be taken if a visual sheen is observed. If a sample is taken because a sheen is observed, it shall not exceed a daily maximum concentration of 10 mg/L.

D. Reporting of Monitoring Results.

1. Discharge Water. Monitoring results obtained during the previous month shall be summarized for each month and reported on a Discharge Monitoring Report Form (EPA No. 3320-1), post-marked no later than the 28th day of the month following the completed reporting period. The first report is due in February of 2009. If no discharge occurs during the reporting period, "no discharge" shall be reported. Legible copies shall be signed and certified in accordance with the requirements of *Signatory Requirements (see Part V.G)*, and submitted to the Director, Division of Water Quality at the following address:

Original to: Department of Environmental Quality
Division of Water Quality
288 North 1460 West
PO Box 144870
Salt Lake City, Utah 84114-4870